

Shane Donatello

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,441
citations

304743

22
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Feasibility of wet-extraction of phosphorus from incinerated sewage sludge ash (ISSA) for phosphate fertilizer production: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 939-971. | 12.8 | 50 |
| 2 | Improving material efficiency in the life cycle of products: a review of EU Ecolabel criteria. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 921-935. | 4.7 | 28 |
| 3 | Are the existing EU Ecolabel criteria for furniture products too complex? An analysis of complexity from a material and a supply chain perspective and suggestions for ways ahead. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 868-882. | 4.7 | 5 |
| 4 | Use of Mg/Ca modified biochars to take up phosphorus from acid-extract of incinerated sewage sludge ash (ISSA) for fertilizer application. <i>Journal of Cleaner Production</i> , 2020, 244, 118853. | 9.3 | 85 |
| 5 | Phosphorus (P) recovery and reuse as fertilizer from incinerated sewage sludge ash (ISSA). , 2020, , 263-288. | | 0 |
| 6 | Change in re-use value of incinerated sewage sludge ash due to chemical extraction of phosphorus. <i>Waste Management</i> , 2018, 74, 404-412. | 7.4 | 51 |
| 7 | Recovery of phosphorus from incinerated sewage sludge ash by combined two-step extraction and selective precipitation. <i>Chemical Engineering Journal</i> , 2018, 348, 74-83. | 12.7 | 92 |
| 8 | Phosphorus recovery and leaching of trace elements from incinerated sewage sludge ash (ISSA). <i>Chemosphere</i> , 2018, 193, 278-287. | 8.2 | 99 |
| 9 | Hydration of Hybrid Alkaline Cement Containing a Very Large Proportion of Fly Ash: A Descriptive Model. <i>Materials</i> , 2016, 9, 605. | 2.9 | 106 |
| 10 | Specific Examples of Hybrid Alkaline Cement. <i>MATEC Web of Conferences</i> , 2014, 11, 01001. | 0.2 | 12 |
| 11 | The Early Age Hydration Reactions of a Hybrid Cement Containing a Very High Content of Coal Bottom Ash. <i>Journal of the American Ceramic Society</i> , 2014, 97, 929-937. | 3.8 | 37 |
| 12 | High temperature resistance of a very high volume fly ash cement paste. <i>Cement and Concrete Composites</i> , 2014, 45, 234-242. | 10.7 | 71 |
| 13 | Some durability aspects of hybrid alkaline cements. <i>MATEC Web of Conferences</i> , 2014, 11, 01008. | 0.2 | 5 |
| 14 | Recycling and recovery routes for incinerated sewage sludge ash (ISSA): A review. <i>Waste Management</i> , 2013, 33, 2328-2340. | 7.4 | 378 |
| 15 | The effect of using thermally dried sewage sludge as an alternative fuel on Portland cement clinker production. <i>Journal of Cleaner Production</i> , 2013, 52, 94-102. | 9.3 | 110 |
| 16 | Effect of petroleum (pet) coke addition on the density and thermal conductivity of cement pastes and mortars. <i>Fuel</i> , 2013, 107, 138-146. | 6.4 | 35 |
| 17 | Durability of very high volume fly ash cement pastes and mortars in aggressive solutions. <i>Cement and Concrete Composites</i> , 2013, 38, 12-20. | 10.7 | 78 |
| 18 | Influence of metakaolin characteristics on the mechanical properties of geopolymers. <i>Applied Clay Science</i> , 2013, 83-84, 308-314. | 5.2 | 85 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Very High Volume Fly Ash Cements. Early Age Hydration Study Using Na_2SO_4 as an Activator. Journal of the American Ceramic Society, 2013, 96, 900-906. | 3.8 | 125 |
| 20 | Ambient Temperature Drying Shrinkage and Cracking in Metakaolin-Based Geopolymers. Journal of the American Ceramic Society, 2012, 95, 3270-3277. | 3.8 | 218 |
| 21 | An assessment of Mercury immobilisation in alkali activated fly ash (AAFA) cements. Journal of Hazardous Materials, 2012, 213-214, 207-215. | 12.4 | 27 |
| 22 | Comparison of test methods to assess pozzolanic activity. Cement and Concrete Composites, 2010, 32, 121-127. | 10.7 | 334 |
| 23 | Production of technical grade phosphoric acid from incinerator sewage sludge ash (ISSA). Waste Management, 2010, 30, 1634-1642. | 7.4 | 137 |
| 24 | Effect of milling and acid washing on the pozzolanic activity of incinerator sewage sludge ash. Cement and Concrete Composites, 2010, 32, 54-61. | 10.7 | 115 |
| 25 | EU landfill waste acceptance criteria and EU Hazardous Waste Directive compliance testing of incinerated sewage sludge ash. Waste Management, 2010, 30, 63-71. | 7.4 | 86 |
| 26 | Recent developments in macro-defect-free (MDF) cements. Construction and Building Materials, 2009, 23, 1761-1767. | 7.2 | 40 |
| 27 | Source term characterisation using concentration trends and geochemical associations of Pb and Zn in river sediments in the vicinity of a disused mine site: Implications for contaminant metal dispersion processes. Environmental Pollution, 2009, 157, 1649-1656. | 7.5 | 32 |